

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6,345,903").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 08:00
L2	2	"20050151142"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 08:11
L3	2	"20020185966"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 08:21
L4	2	"20060102917"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 08:56

L5	2	"20040126913"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:12
L6	2	"20040201028"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:12
L7	3	"20050014302"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:12
L8	2	("6653661").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 09:12
L9	6	("20030211804"   "3875456"   "5040868"   "5177593"   "5998925"   "6274890").PN. OR ("7078253").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:21

L10	2	("6897490").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/13 09:23
L11	7	("20030211804"   "3875456"   "5040868"   "5177593"   "5998925"   "6274890").PN. OR ("6897490").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:25
L12	0	@ad<="20030610" and (257/98).clms.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:25
L13	1907	@ad<="20030610" and (257/98).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:25
L14	605	@ad<="20030610" and (257/100).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:26

L15	1941	@ad<="20030610" and (257/99).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:26
L16	401	@ad<="20030610" and (257/98).ccls. and reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:33
L17	86	@ad<="20030610" and (257/100).ccls. and reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:33
L18	229	@ad<="20030610" and (257/99).ccls. and reflector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:34
L21	344	@ad<="20030610" and ("LED" or "light emitting diode") and wir\$4 with lead and reflector with len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 09:35

L22	117	("20010030326"   "20040016938"   "20050127385"   "20050161694"   "2096693" "2192869"   "3312851" "3316109"   "3440471" "3453604"   "3483416" "3510732"   "3529200" "3565815"   "3573568" "3593055"   "3602758" "3621340"   "3654463" "3659136"   "3691482" "3699478"   "3700479" "3715611"   "3740616" "3742277"   "3742833" "3743833"   "3774086" "3787684"   "3819974" "3822215"   "3875456" "3932881"   "3976877" "4093890"   "4139657" "4203792"   "4262206" "4298820"   "4307297" "4479886"   "4599537" "4684592"   "4707635" "4710674"   "4716337" "4727283"   "4780752" "4816369"   "4818434" "4825124"   "4843280" "4851695"	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:42
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"4875750"	"4894583"
"4935856"	"5003181"
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"5432358"	"5471113"
"5479050"	"5535230"
"5543657"	"5578839"
"5600202"	"5607621"
"5624602"	"5635110"
"5643674"	"5665793"
"5685071"	"5707549"
"5747832"	"5772916"
"5788881"	"5798537"
"5813752"	"5813753"
"5847507"	"5863810"
"5906771"	"5952036"
"5959316"	"5994722"
"5998925"	"6069440"
"6180029"	"6245259"
"6576930"	"6600175"
"6613247"	"6812500"
"RE34254")	PN. OR
("7078732")	URPN.

L23	49	("3774086"   "3875473"   "4152624"   "4179619"   "5040868"   "5043716"   "5177593"   "5266817"   "5298768"   "5404282"   "5535230"   "5798536"   "5813753").PN. OR ("6274890").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:43
L24	5	("6284155"   "6469322"   "6592780").PN. OR ("6737681").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:52
L25	48	("3991339"   "4013916"   "4152624"   "4964025"   "5291038"   "5479426"). PN. OR ("6355946"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 09:56
L26	365	@ad<="20030610" and (257/E33.057).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:21
L27	365	@ad<="20030610" and (257/E33.057).cccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:21

L28	669	@ad<="20030610" and (257/E33.059).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:21
L29	434	@ad<="20030610" and (257/E33.072).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:22
L30	13	("4862586"   "5492586"   "6274890").PN. OR ("6608334").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/13 10:25
L31	342	@ad<="20030610" and "LED" and wir\$4 same through same reflect\$4 same len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:28
L32	142	@ad<="20030610" and "LED" and wir\$4 with through same reflect\$4 same len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:28



L33	34	@ad<="20030610" and "LED" and wir\$4 with through with reflect\$4 same len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/13 10:28
S1	1	"20070102716"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:02
S2	1213	DONGBUANAM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:02
S3	110	"DONGBUANAM" and "image sensor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:03
S4	49	"DONGBUANAM" and "image sensor" and "color filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:25

S7	1081	@ad<="20051110" and "image sensor" same "color filter" same "lens"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:27
S8	43	@ad<="20051110" and "image sensor" same "color filter" same "lens" same photoresist	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:43
S9	8	("5321249"   "5694246"   "5734190"   "5990506"   "6414343"   "6452154"   "6577342"   "6861280"). PN. OR ("6933161"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 16:40
S10	8	("6171883"   "6362498"   "6369417").PN. OR ("6617189").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 16:43
S11	1797	@ad<="20051110" and (438/48).ccls. or (257/233). ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:47

S12	478	@ad<="20051110" and (257/89).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:47
S13	2502	@ad<="20051110" and (257/59).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/19 16:47
S14	3	("20020045103"   "5321249"   "6452154"). PN. OR ("6605851"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 16:48
S15	3	("20020045103"   "5321249"   "6452154"). PN. OR ("6605851"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/19 16:53
S16	8	("5321249"   "5694246"   "5734190"   "5990506"   "6414343"   "6452154"   "6577342"   "6861280"). PN. OR ("6933161"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 19:44

S17	131	@ad<="20051110" and protect\$4 with ("micro-lens" or "microlens" or "micro lens") with "color filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 19:47
S18	2	("7064405").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 19:47
S19	4	((("5,904,493") or ("6,320,617"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 20:02
S20	11	("5451766"   "6060732"   "6069350"   "6274516"   "6295107"   "6297911").PN. OR ("6414343").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 20:19
S21	1	("6255640").PN. OR ("7064405").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 20:26

S22	131	@ad<="20051110" and ("micro-lens" or "microlens" or "micro lens") with protect\$4 with "color filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 20:31
S23	44	@ad<="20051110" and ("micro-lens" or "microlens" or "micro lens") near3 protect\$4 with "color filter"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 20:31
S24	2	("6950140").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 20:42
S25	11	("5239412"   "5583354"   "6043481"   "6069350"   "6163407"   "6188094"   "6271103"   "6307243"   "6414343"   "6583438"   "6639726").PN. OR ("6950140").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 20:46

S26	295	"photoresist" with polyimide with acrylic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/25 20:46
S27	2	("6069350").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 21:03
S28	23	(US-20070102716-\$ or US-20060148159-\$ or US-20070102621-\$ or US-20060145217-\$ or US-20060124948-\$ or US-20060033131-\$ or US-20050274968-\$ or US-20060019424-\$).did. or (US-7193289-\$ or US-6933161-\$ or US-6617189-\$ or US-6605851-\$ or US-6414343-\$ or US-7064405-\$ or US-6255640-\$ or US-7232698-\$ or US-7087945-\$ or US-6861280-\$ or US-6362498-\$ or US-6950140-\$ or US-7067355-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/08/10 14:36

6583438-\$ or US-6069350-  
\$).did.

**8/13/07 11:19:35 AM**

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Compound, Photo Diode\11320948 Dongbuanam image sensor lens\_color filter 257.wsp**